

200 West Mercer Street, Room 205
P.O. Box 9863, Seattle, Washington 98109
Tel. (206)-344-7335

OK TO PAY
H. Rone
5/4/83

INVOICE

To: KENNETH RONE
LONE STAR INDUSTRIES INC
3801 E MARGINAL WAY SO
SEATTLE, WA 98134

Date: 4/4/83

1983 REGISTRATION FEE STATEMENT--11339
3801 E MARGINAL WAY SO, SEATTLE

This annual registration fee is calculated in accordance with Section 5.07, Regulation I of the Puget Sound Air Pollution Control Agency. It is based upon the 1983 registration information you recently returned.

	File Items	Costs per Item	Total Costs
	-----	-----	-----
Fixed Charge per Facility	-	-	\$ 60.00
Air Contaminant Generating Equipment	6	\$25	\$ 150.00
Air Contaminant Control Apparatus	8	\$25	\$ 200.00
Materials/Processes	3	\$15	\$ 45.00
Emission Points/Stacks	10	\$30	\$ 300.00

Total 1983 Registration Fee			\$ 755.00
			=====

-RP
4/25

1983 Registration Fee is due and payable 60 days
from the date of the invoice.

Issue check payable to PUGET SOUND AIR POLLUTION CONTROL AGENCY.
Mail to the above address.

KEEP THIS COPY FOR YOUR RECORDS

PLEASE MAIL DUPLICATE COPY WITH YOUR PAYMENT

AGCS2M003528

200 West Mercer Street, Room 205
P.O. Box 9863, Seattle, Washington 98109

January 31, 1983

LONE STAR INDUSTRIES INC
3801 E MARGINAL WAY SO
SEATTLE, WA 98134

Gentlemen:

1982 Emission Inventory/
Registration Program Information

As you have done in the past, please provide emission inventory and registration information on the forms provided. We are enclosing a list of air contaminant equipment, control apparatus, processes and emission points for your review and return. This list is entitled "Registration File Summary". Please make any corrections or additions on this list. We are also enclosing a list entitled "Registration Emission Inventory Information" on which we request you provide 1982 calendar year process information.

On December 9, 1982, the Agency's Regulation I was amended regarding registration of sources. The enclosed information sheet summarizes the history of the registration program, and the procedure we will follow to implement the amendments. The amended regulation provides for submittal of the reports within 60 days. Please submit the reports, signed by an appropriate representative of your organization, within the required 60 days.

Thank you for your cooperation. Should you need additional information concerning the enclosures, please call John Anderson (206) 344-7335 or Jim Pearson (206) 344-7336.

Yours truly,

A. R. Damkoehler
Air Pollution Control Officer

John K. Anderson

By: John K. Anderson
Air Pollution Source Analyst I

beb

Enclosures

Registration File Summary

11339
3241

LONE STAR INDUSTRIES INC

3801 E MARGINAL WAY SO
3801 E MARGINAL WAY SO SEATTLE, WA 98134

DAVID DONALDSON 623-5596

INSPECTED 03-03-81 JJE
03-25-82 JJE

Operating Air Contaminant Equipment:

(1) ROTARY KILN (2)
1928

(2) CONE CRUSHER
110 TON/HR 1955

(3) BALL MILL (3)
15 TON/HR 1928

(4) DRY FINISH MILL (2)
54 TON/HR 1968

(5) MILL (2)
BOWL
10 TON/HR 1977

Operating Air Contaminant Control Equipment:

(1) MULTIPLE CYCLONE (2)
ROTARY KILNS
164000 CFM

(2) ELECTROSTATIC PRECIPITATOR
ROTARY KILNS
164000 CFM 1961

~~(3) BAGHOUSE (20)
CONE CRUSHER
10800 CFM~~

(4) BAGHOUSE (4)
BALL MILLS
3700 CFM

(5) BAGHOUSE (2)
DRY FINISH MILLS
16800 CFM

JAN 27, 1983

Operating Air Contaminant Control Equipment:

(6) BAGHOUSE
BOWL MILLS
865 CFM

(7) WATER SPRAY
CONE CRUSHER

should be with file No. 11904

Notices of Construction:

Approved

Installed

Notices of Construction:	Approved	Installed
# 685 MULTICLONES REPLACED	1 13 72	04 03 72
# 726 BAGHOUSES ON SAND DRYERS	2 27 72	09 27 72
# 918 LEAR SIEGLER & NEW ELECTRODES	2 23 73	03 05 73
#1011 REPLACE ELECTRODES & PLATES	7 19 73	03 15 74
#1344 BAG FILTER FOR CEMENT SILO	10 25 74	01 08 75
#1538 CONVERT TO COAL	4 19 76	01 20 77
#1905 CLINKER STORAGE BLDG	01 04 79	06 20 79
#1918 STRIP CURTAINS, PACK HOUSE SHED	08 13 79	03 01 79
#1919 TOWER 11 BAGHOUSE	08 13 79	03 01 79
#1920 BAGHOUSE FOR TOWER, FINISH NIL	08 13 79	03 01 79
#1921 CLINKER UNLOADING ENCLOSURE	08 13 79	03 01 79
#1922 TOWER 11 ENCLOSURES, 2 LEVELS	08 13 79	03 01 79
#2305 RR UNLOADING, 4 BAGHOUSES	09 21 81	

Emission Reduction Credits:

Credit Owner: Lone Star Industries Inc.
3801 East Marginal Way South
Seattle 98134
Kenneth J. Rone Jr. 623-5596

ERC# 92

Date Issued 06/04/81

Expiration Date 06/04/89

ACTION CREATING CREDIT

Process Change

Eliminated the transfer point at the West Tower

CONDITIONS

none

POLLUTANTS BANKED (TONS/YEAR)

ERC#	TSPM	SO2	NOX	CO	VOC
92	15	0	0	0	0
Reg Total	15	0	0	0	0

JAN 27, 1983

Material/Emission Factors:

- (1) BITUM COAL IN CLINKER PROD
54000 TON/1981
SOX=6.800 LB/TON
- (2) CEMENT PRODUCTION
533000 TON/1981
TSPM=.4500 LB/TON
- (3) CLINKER PRODUCTION
198000 TON/1981
TSPM=1.900 NOX=2.600 LB/TON

Emission Points:

- (1) CEMENT KILN PRECIPITATOR STACK
HEIGHT=202' DIAM= 144" CFM=164000 TEMP= 480F
TSPM= 199 SOX= 184 NOX= 257 TONS/1981
- (2) STORAGE & TRANSFER BAGHOUSES(13)
HEIGHT= 60' DIAM= 13" CFM= 3600 TEMP= 70F
TSPM= 5 TONS/1981
- (3) FINISH MILLING BAGHOUSES(4)
HEIGHT= 60' DIAM= 28" CFM= 16800 TEMP= 70F
TSPM= 2 TONS/1981
- (4) FINISH MILLING BAGHOUSES(2)
HEIGHT= 60' DIAM= 28" CFM= 16800 TEMP= 70F
TSPM= 7 TONS/1981
- (5) CLINKER UNLOADING BAGHOUSES(12) (11)
HEIGHT= 30' DIAM= 12" CFM= 3000 TEMP= 70F
TSPM= 2 TONS/1981
- (6) CLINKER STORAGE
HEIGHT= 10' TEMP= 60F
TSPM= 55 TONS/1981
- (7) SHIP LOADING
HEIGHT= 10' TEMP= 60F
TSPM= 19 TONS/1981
- (8) SHIP UNLOADING
HEIGHT= 10' TEMP= 60F
TSPM= 10 TONS/1981

JAN 27, 1983

Emission Points:

(9) LIMESTONE STORAGE

HEIGHT= 25'

TSPM= 10 TONS/1981

(10) COAL STORAGE HEIGHT= 25' TSPM = 19 1/2

Air Contaminant Emissions (Tons/1981):

TOTAL SUSPENDED PARTICULATE MATTER (TSPM)	=	308
SULFUR OXIDES (SOX)	=	184
NITROGEN OXIDES (NOX)	=	257
VOLATILE ORGANIC COMPOUNDS (VOC)	=	0
CARBON MONOXIDE (CO)	=	0

PUGET SOUND AIR POLLUTION CONTROL AGENCY
ENGINEERING DIVISION
JAN 27, 1983

Registration Emission Inventory Information

LONE STAR INDUSTRIES INC

11339
3241

3801 E MARGINAL WAY SO
3801 E MARGINAL WAY SO SEATTLE, WA 98134

DAVID DONALDSON 623-5596

1982 QUANTITIES:

(1) BITUM COAL IN CLINKER PROD

60,500 TON/1982

(2) CEMENT PRODUCTION


304,000 TON/1982

(3) CLINKER PRODUCTION

215,000 TON/1982

JAN 27, 1983

NOTES OR COMMENTS:

KENNETH J DONE JR
NAME

SIGNATURE

ASST PLANT MGR EIM
TITLE
2/24/83
DATE



January, 1983

INFORMATION ABOUT THE REGISTRATION PROGRAM

When the State Clean Air Act was passed in 1967, the law authorized registration and reporting from air contaminant sources and a fee to offset the cost of administering the registration program. Puget Sound Air Pollution Control Agency Regulation I was adopted in 1968. It included provisions for registration of air contaminant sources within the jurisdiction of the Agency and the registration program has been in operation since that year. Although two other air pollution control authorities in the state have required registration fees for several years, the Agency's registration program has been wholly supported by public funds in the past.

Registration is the continuing program for maintaining current records of air contaminant sources and their emissions by means of annual or other required reporting to the Agency. These records are updated annually from a variety of sources such as Notices of Construction of new and altered sources, the annual registration program, and records of field inspections. The information is used to calculate emission inventories to meet federal and state requirements.

On December 9, 1982, the Agency's Board of Directors amended Regulation I to define the scope of the registration program, and to establish a fee schedule reflecting the variation in the amount of work to register sources of different sizes. All elements of the schedule relate to separate and distinct work processes required to administer the registration program. In August of 1982, a sample fee schedule was sent to each facility registered with the Agency showing how the proposed fee would be applied.

The amended Regulation I requires annual reporting and the annual registration fee. Because 1983 is the initial year of the registration fee, and because the fee will be based upon information in Agency's files, the Agency will offer facilities the opportunity to validate the information before fee statements are issued. This will be done through the annual reporting cycle required by Regulation I. The fee will be based upon the information reported. The information will be verified during the annual inspection of the facilities, scheduled at mutually acceptable times.